

**BASIC INFORMATION:**

Organisational Unit	FACULTY OF TRANSPORT AND TRAFFIC ENGINEERING	
Chair	Chair for road and city traffic and transport	
Course/modul		
Code	2.03.10.03.005.	<b>Evaluation and management of traffic projects</b>
ETCS credits	5	

**COURSE TYPE:**

Functional Area	Core
Level of Abstraction	Middle
Course Type - Obligation	Mandatory

**COURSE REGISTRATION:**

Scientific Field	2.	Technical Sciences
Scientific Area	2.12.	Traffic
Narrow Scientific Field	2.12.02.	Road and city traffic

**COURSE DESCRIPTION:**

Educational goals	Acquiring basic knowledge about the evaluation and management of projects in traffic. Students will learn various aspects of evaluating transportation projects.
Competences/ educational outcomes:	After acquiring knowledge from this subject, future engineers will be able to evaluate and manage traffic projects in a modern and efficient manner.
Course content	Subject and tasks of project evaluation. Decision-making in traffic. Traffic Development Program. Traffic project development process. Project management in traffic. Measures of evaluation efficiency in traffic. Traffic demand assessment. Evaluating the impact of travel time, traffic safety and vehicle operating costs. Functional evaluation. Economic evaluation. Investment valuation. Ecological evaluation. Multi-criteria evaluation.

**COURSE METRICS:**

	Teaching activities (hours)	Individual work	TOTAL
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ETCS	Contact lessons		Exercises and trainings	Seminar and stud. papers	Pedagogical workshops	Profess. practice	Individual. and group learning	Source research	Hours of work
	R	E							
5	30	15	30	24			33	18	150

### ACCESS CONDITION

None

### COURSE METHODOLOGY

Lectures, auditory exercises, seminar work and consultations.

### TEACHING LANGUAGES

English

### STUDENT WORK EVALUATION

No.	Type of Evaluation	Partial/ Final	Elective/ Mandatory	Percentage of participation
01	Participation in Lecture Interactions and Exercise Activity	pre-exam obligation	Mandatory	10 %
02	Seminary work	pre-exam obligation	Mandatory	20 %
03	Exam activities - final test	final	Mandatory	40 %
04	Exam activities - oral exam	final	Mandatory	30 %

### LITERATURE

No.	Author	Publication Title	Publisher	Edition Year
1.	J. Berechman	The Evaluation of Transportation Investment Projects	Routledge	2009
2.				
3.				
4.				